

**TABLE 5-1(c)**

**TIER 3A RISK-BASED SCREENING LEVELS (RBSLs) FOR A COMMERCIAL WORKER**

<b>CHEMICALS OF CONCERN</b>	<b>SURFICIAL SOIL</b>	<b>SUB-SURFACE SOIL</b>	<b>GROUNDWATER</b>
	Inhalation of Vapors and Particulates, Dermal Contact with, and Accidental Ingestion [mg/kg]	Indoor Inhalation of Vapor Emissions [mg/kg]	Indoor Inhalation of Vapor Emissions [ug/L]
Benzene	16.9	0.466	1010
Toluene	1040 *	120	99700
Ethylbenzene	641 *	574	169000 #
Xylenes (mixed)	706 *	706 *	175000 #
1,2 Dichloroethane (DCA)	7.54	0.296	1330
Methyl Tertbutyl Ether (MtBE)	10700 *	1300	6680000
Ethylene Dibromide (EDB)	0.195	0.0889	279
Naphthalene	328	196	11400

**Note:**

Soil concentrations are presented on a dry weight basis.

\*: Calculated RBSLs exceeded saturated soil concentration and hence saturated soil concentrations are listed as RBSLs

#: Calculated RBSLs exceeded pure component water solubility and hence water solubilities are listed as RBSLs.